

**WARE, FRESSOLA, VAN DER SLUYS  
& ADOLPHSON LLP**

*Patent, Trademark, Copyright and Computer Law Counsel*  
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**NOV 17 2005**

November 17, 2005

PETER C. VAN DER SLUYS (1939-1991)

ALFRED A. FRESSOLA  
K. BRADFORD ADOLPHSON  
FRANCIS J. MAGUIRE  
WILLIAM J. BARBER  
JAMES A. RETTER, Ph.D.  
JAMES R. FREDERICK  
MILTON M. OLIVER\*  
JACK M. PASQUALE  
ANDREW T. HYMAN

KENNETH Q. LAO, Ph.D., Patent Agent  
ANATOLY FRENKEL, Ph.D., Patent Agent  
SHIMING WU, Ph.D., Technical Advisor

OF COUNSEL: ROBERT H. WARE

\*MA and NY Bar

**Via Facsimile Only 571-273-8300  
(10 pages total)**

US Patent and Trademark Office  
ATTENTION: Ms. Dorothy Riley, Paralegal  
Mail Stop Assignment Services Division  
P.O. Box 1450  
Alexandria, VA 22313-1450

Re: US patent application no. 10/511,777 filed October 18, 2004  
"Semiconductor capacitor with praseodymium oxide as dielectric"  
Inventor: Hans-Joachim Mussig  
Our Ref. 536-009.012

Dear Ms. Riley:

Attached please find a "corrected" Notice of Recordation of Assignment Document we recently received for the above matter. We originally wrote to Tara Washington for correction of this recordation, but the company name (assignee) is still misspelled. The word "Mikroelektronik" should be corrected to "Mikroelektronik," as shown on the recordation cover sheet.

Please correct this misspelling and send us another corrected notice at your earliest convenience.

Best regards,



James A. Retter

JAR:alm  
enclosure

**UNITED STATES PATENT AND TRADEMARK OFFICE**UNDER SECRETARY OF COMMERCE FOR INTELLECTUAL PROPERTY AND  
DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

OCTOBER 14, 2005

PTAS

JAMES A. RETTER  
WARE FRESSOLA, VAN DER SLUYS ET AL.  
BRADFORD GREEN, BUILDING 5  
755 MAIN STREET, P.O. BOX 224  
MONROE, CT 06468-0224

**CORRECTED  
NOTICE****UNITED STATES PATENT AND TRADEMARK OFFICE  
NOTICE OF RECORDATION OF ASSIGNMENT DOCUMENT**

THE ENCLOSED DOCUMENT HAS BEEN RECORDED BY THE ASSIGNMENT DIVISION OF THE U.S. PATENT AND TRADEMARK OFFICE. A COMPLETE MICROFILM COPY IS AVAILABLE AT THE ASSIGNMENT SEARCH ROOM ON THE REEL AND FRAME NUMBER REFERENCED BELOW.

PLEASE REVIEW ALL INFORMATION CONTAINED ON THIS NOTICE. THE INFORMATION CONTAINED ON THIS RECORDATION NOTICE REFLECTS THE DATA PRESENT IN THE PATENT AND TRADEMARK ASSIGNMENT SYSTEM. IF YOU SHOULD FIND ANY ERRORS OR HAVE QUESTIONS CONCERNING THIS NOTICE, YOU MAY CONTACT THE EMPLOYEE WHOSE NAME APPEARS ON THIS NOTICE AT 571-272-3350. PLEASE SEND REQUEST FOR CORRECTION TO: U.S. PATENT AND TRADEMARK OFFICE, MAIL STOP: ASSIGNMENT SERVICES DIVISION, P.O. BOX 1450, ALEXANDRIA, VA 22313.

RECORDATION DATE: 10/18/2004

REEL/FRAME: 016551/0298  
NUMBER OF PAGES: 3

BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 536-009.12

**ASSIGNOR:**

MUSSIG, HANS-JOACHIM

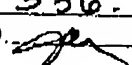
DOC DATE: 10/15/2004

**ASSIGNEE:**

IHP GMBH - INNOVATIONS FOR HIGH  
PERFORMANCE  
MICROELECTRONICS/INSTITUTE FUR  
INNOVATIVE MIKROELEKTTRONIK  
IM TECHNOLOGIEPARK 25 mikroelektronik  
D-15236, FRANKFURT, GERMANY

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WARE, FRESSOLA, VAN DER SLUYS  
& ADOLPHSON

**OCT 25 2005**

FILE 536-9.12  
ANS'D. 

SERIAL NUMBER: 10511777

FILING DATE: 10/18/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SEMICONDUCTOR CAPACITOR WITH PRASEODYMIUM OXIDE AS DIELECTRIC

016551/0298 PAGE 2

DOROTHY RILEY, PARALEGAL  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

NOV-17-2005 14:19

WARE FRESSOLA

P.04/10

SEP-29-2005 15:20

WARE FRESSOLA

P.04/06

Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

05-13-2005

COVER SHEET

10/511/11  
U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 536-009.12

To the Honorable Commissioner...

103002085

the attached original documents or copy thereof.

1. Name of conveying party(ies):  
Hans-Joachim MüssigAdditional name(s) of conveying party(ies) attached?  
☐ Yes ☒ No

3. Nature of conveyance:

☒ Assignment ☐ Merger  
☐ Security Agreement ☐ Change of Name  
☐ Other

Execution Date: October 15, 2004

2. Name and address of receiving party(ies):

IHP GmbH - INNOVATIONS FOR HIGH  
PERFORMANCE MICROELECTRONICS/  
INSTITUTE FÜR INNOVATIVE MIKROELEKTRONIK  
Im Technologiepark 25  
D-15236  
Frankfurt, GermanyAdditional name(s) and address(es) attached?  
☐ Yes ☒ No

4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

PCT/EP03/04215 filed April 23, 2003

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No5. Name and address of party to whom  
correspondence concerning document  
should be mailed:James A. Retter  
Ware Fressola, Van Der Shuys & Adolphson LLP  
Bradford Green, Building 5  
755 Main Street  
P.O. Box 224  
Monroe, CT 06468-02246. Total number of applications and patents  
involved: 17. Total fee (37 CFR 3.41) \$ 40.00  
☒ Enclosed  
☐ Authorized to be charged to deposit account

8. Deposit account number:

23-0442

(Attach duplicate copy of this page if paying by  
deposit account.)

10/25/2004 LLANDERA 00000048 10511777

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Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attachment copy is a true copy of the original document.

James A. Retter

Name of Person Signing

Signature

Date

10/18/2004

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:

Commissioner of Patents &amp; Trademarks, Box 1450,

PAGE 4/8 \* RCVD AT 9/28/2005 3:16:25 PM [Eastern Daylight Time] \* SVR:USPTO-EFXXRF-6/38 \* DNIS:2738300 \* CSID: \* DURATION (mm:ss):01:22

PAGE 4/10 \* RCVD AT 11/17/2005 2:14:34 PM [Eastern Standard Time] \* SVR:USPTO-EFXXRF-6/24 \* DNIS:2738300 \* CSID: \* DURATION (mm:ss):02:18

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OF COUNSEL: ROBERT H. WARE

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September 28, 2005

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James A. Retter

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DIRECTOR OF THE UNITED STATES PATENT AND TRADEMARK OFFICE

SEPTEMBER 19, 2005

PTAS



\*103002085A\*

JAMES A. RETTER  
WARE FRESSOLA, VAN DER SLUYS ET AL.  
BRADFORD GREEN, BUILDING 5  
755 MAIN STREET, P.O. BOX 224  
MONROE, CT 06468-0224

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REEL/FRAME: 016551/0298  
NUMBER OF PAGES: 3BRIEF: ASSIGNMENT OF ASSIGNOR'S INTEREST (SEE DOCUMENT FOR DETAILS).  
DOCKET NUMBER: 536-009.12ASSIGNOR:  
MUSSIG, HANS-JOACHIM

DOC DATE: 10/15/2004

ASSIGNEE:  
IHP GMBH - INNOVATIONS FOR HIGH  
PERFORMANCE  
MICROELECTRONICS/INSTITUTE FÜR  
INNOVATIVE MIKROELEKTRONIK  
IM TECHNOLOGIEPARK 25  
D-15236, FRANKFURT, GERMANYRECEIVED  
WARE FRESSOLA, VAN DER SLUY  
& ADOLPHSON

SEP 26 2005

MiKroelektronik

SERIAL NUMBER: 10511777

FILING DATE: 10/18/2004

PATENT NUMBER:

ISSUE DATE:

TITLE: SEMICONDUCTOR CAPACITOR WITH PRASEODYMIUM OXIDE AS DIELECTRIC

016551/0298 PAGE 2

TARA WASHINGTON, EXAMINER  
ASSIGNMENT DIVISION  
OFFICE OF PUBLIC RECORDS

Form PTO-1595

(Rev. 6-93)

OMB No. 0651-0011 (exp. 4/94)

05-13-2005



COVER SHEET

10/511777

U.S. Department of Commerce  
Patent and Trademark Office

Attorney Docket No. 536-009.12

To the Honorable Commission...

103002085

the attached original documents or copy thereof.

## 1. Name of conveying party(ies):

Hans-Joachim Müssig

Additional name(s) of conveying party(ies) attached?

☐ Yes ☒ No

## 3. Nature of conveyance:

☒ Assignment☐ Merger☐ Security Agreement☐ Change of Name☐ Other

Execution Date: October 15, 2004

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PERFORMANCE MICROELECTRONICS/  
INSTITUTE FÜR INNOVATIVE MIKROELEKTRONIK  
Im Technologiepark 25  
D-15236  
Frankfurt, Germany

Additional name(s) and address(es) attached?

☐ Yes ☒ No

## 4. Application number(s) or patent number(s):

If this document is being filed together with a new application, the execution date of the application is:

A. Patent Application No.(s)

PCT/EP03/04215 filed April 23, 2003

B. Patent No.(s)

Additional numbers attached? ☐ Yes ☒ No

## 5. Name and address of party to whom correspondence concerning document should be mailed:

James A. Retter  
Ware Fressola, Van Der Shrys & Adolphson LLP  
Bradford Green, Building 5  
755 Main Street  
P.O. Box 224  
Monroe, CT 06468-02246. Total number of applications and patents involved: 17. Total fee (37 CFR 3.41) \$ 40.00☒ Enclosed☐ Authorized to be charged to deposit account

## 8. Deposit account number:

23-0442

(Attach duplicate copy of this page if paying by deposit account.)

10/25/2004 LLANDERA 00000048 10511777

01 FC:8021

40.00 00

## Statement and signature:

To the best of my knowledge and belief, the foregoing information is true and correct and any attachment copy is a true copy of the original document.

James A. Retter

Name of Person Signing

Signature

10/18/2004  
Date

Total number of pages including cover sheet, attachments, and document: 5

Mail documents to be recorded with required cover sheet information to:  
Commissioner of Patents & Trademarks, Box 1450.



Docket No. 536-009.12  
Serial No. PCT/EP03/04215

### ASSIGNMENT AND AGREEMENT

**FOR VALUE RECEIVED, I, HANS-JOACHIM MÜSSIG**, a citizen of Germany and residing at Friedrich-Kind-Strasse 11, D-01259 Dresden, GERMANY, hereby sell, assign and transfer to **IHP GmbH - INNOVATIONS FOR HIGH PERFORMANCE MICROELECTRONICS/ INSTITUT FÜR INNOVATIVE MIKROELEKTRONIK NOKIA CORPORATION**, a corporation duly organized and existing under the laws of Finland, and having a principal place of business at Im Technolgiepark 25, D-15236, Frankfurt (Oder), Germany, as assignee, and its successors, assigns and legal representatives, the entire right, title and interest, for all countries in and to certain inventions relating to improvements in a **SEMICONDUCTOR CAPACITOR WITH PRASEODYMIUM OXIDE AS DIELECTRIC**, which is described in an a an International application having application number PCT/EP03/04215 filed 23 April 2003; and all the rights and privileges under any and all Letters Patent that may be granted therefor.

I request that any and all patents for said inventions be issued to said assignee, its successors, assigns and legal representatives, or to such nominees as it may designate.

I agree that, when requested, I will, without charge to said assignee but at its expense, sign all papers, take all rightful oaths, and do all acts which may be necessary, desirable or convenient for securing and maintaining patents for said inventions in any and all countries and for vesting title thereto in said assignee, its successors, assigns and legal representatives or nominees.

I authorize and empower the said assignee, its successors, assigns and legal representatives or nominees, to invoke and claim for any application for patent or other form of protection for said inventions filed by it or them, the benefit of the right of priority provided by: (a) the International Convention for the Protection of Industrial property, as amended, or by convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it; and to invoke and claim such right of priority without further written or oral authorization from me.

I hereby consent that a copy of this assignment shall be deemed a full legal and formal equivalent of any assignment, consent to file or like document which may

Docket No. 536-009.12  
Serial No. PCT/EP03/04215

be required in any country for any purpose and more particularly in proof of the right of the said assignee or nominee to claim the aforesaid benefit of the right of priority provided by: (a) the International Convention for the protection of Industrial Property, as amended, or by any convention which may henceforth be substituted for it; and (b) the Patent Cooperation Treaty, as amended, or by any treaty which may henceforth be substituted for it.

I covenant with said assignee, its successors and assigns and legal representatives, that the rights and property herein conveyed are free and clear of any encumbrance, and that I have full right to convey the same as herein expressed.

Signed at Frankfurt (Oder) this 15th day of October, in the year 2004.

  
Hans-Joachim MÜSSIG

Signed in our presence and acknowledged to be an assignment of the application (invention) herein above referred to.

Witness \_\_\_\_\_ Date \_\_\_\_\_

Witness \_\_\_\_\_ Date \_\_\_\_\_